

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038005.D
 Acq On : 14 Nov 2018 20:17
 Operator : JU/SJ
 Sample : J5889-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-E

Quant Time: Nov 15 01:17:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

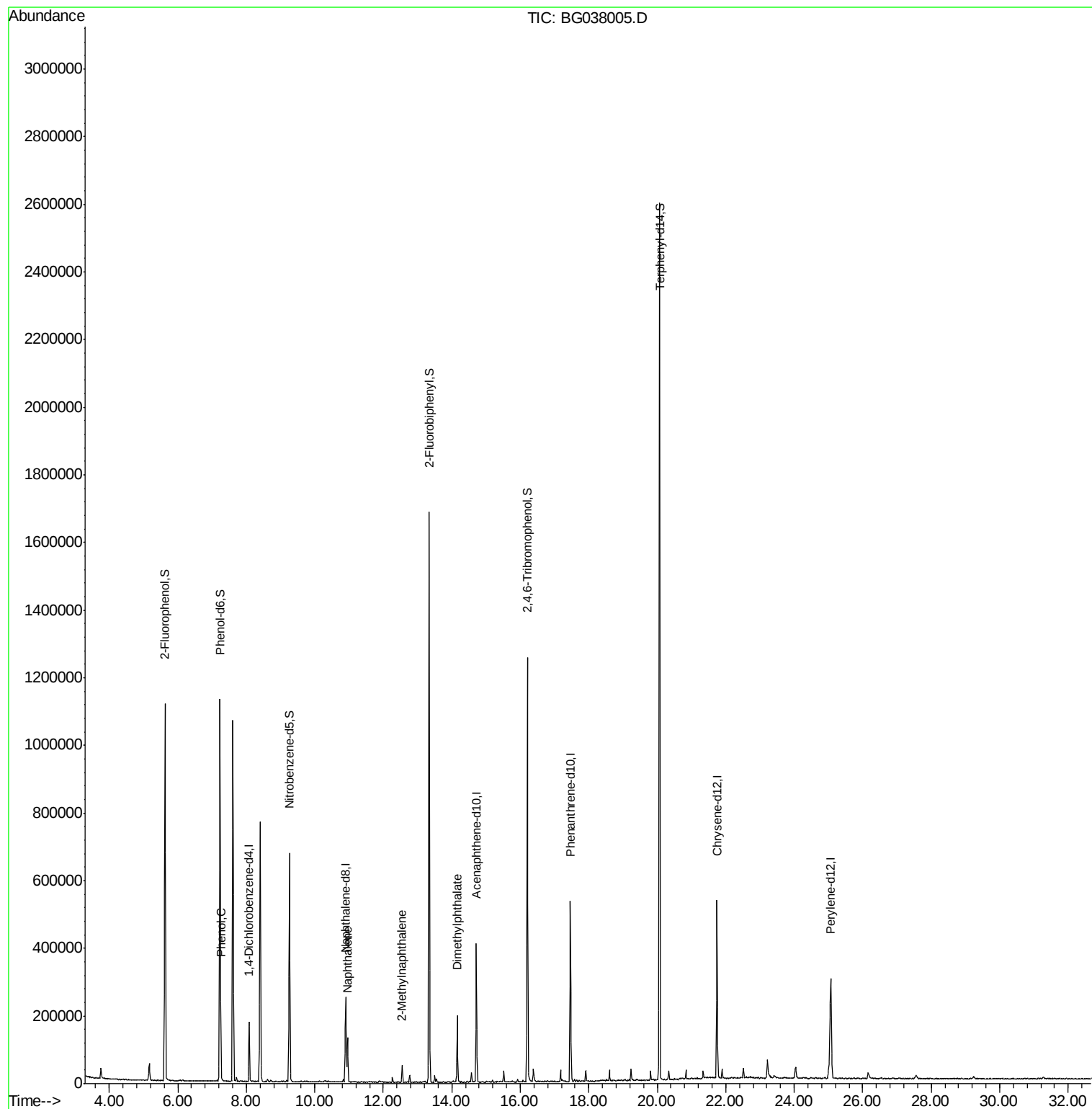
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	53065	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	222745	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	140969	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	327220	20.00	ng	0.00
76) Chrysene-d12	21.74	240	311907	20.00	ng	-0.01
87) Perylene-d12	25.07	264	325883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	499601	162.55	ng	0.00
7) Phenol-d6	7.23	99	703337	160.32	ng	0.00
23) Nitrobenzene-d5	9.26	82	423874	101.87	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	231852	144.21	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	895173	92.51	ng	0.00
79) Terphenyl-d14	20.07	244	1255127	94.69	ng	0.00
Target Compounds						
10) Phenol	7.26	94	45036	9.691	ng	95
31) Naphthalene	10.96	128	117976	10.768	ng	100
37) 2-Methylnaphthalene	12.55	142	26279	3.339	ng	95
50) Dimethylphthalate	14.16	163	137728	12.324	ng	99

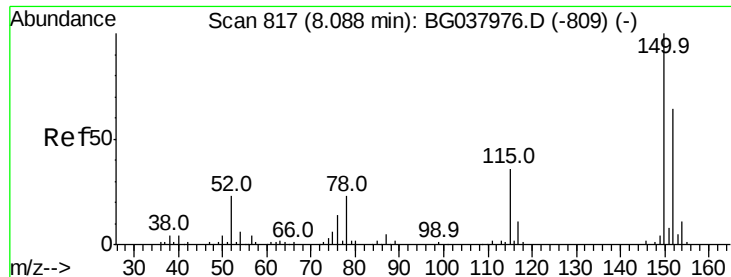
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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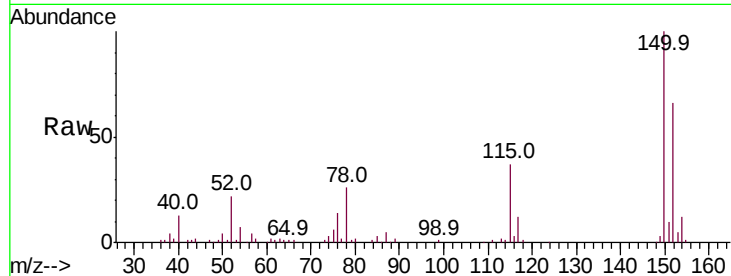


#1

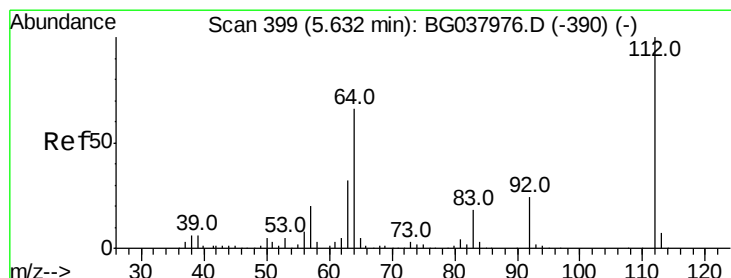
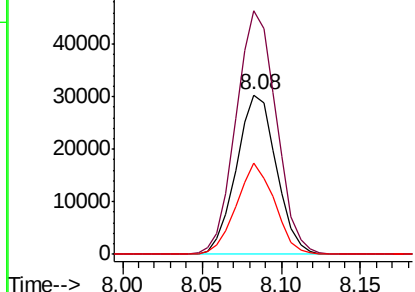
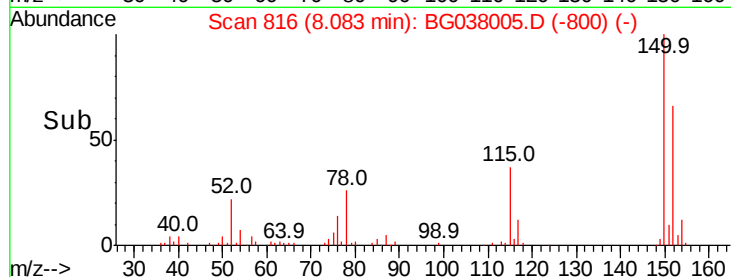
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038005.D
 Acq: 14 Nov 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-E

Tot Ion:152 Resp: 53065
 Ion Ratio Lower Upper
 152 100
 150 152.5 126.0 189.0
 115 56.8 45.5 68.3



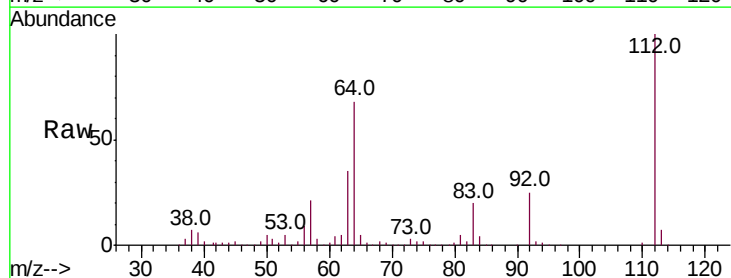
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



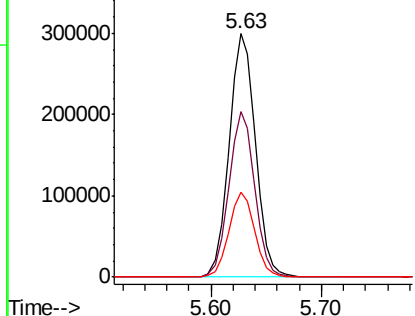
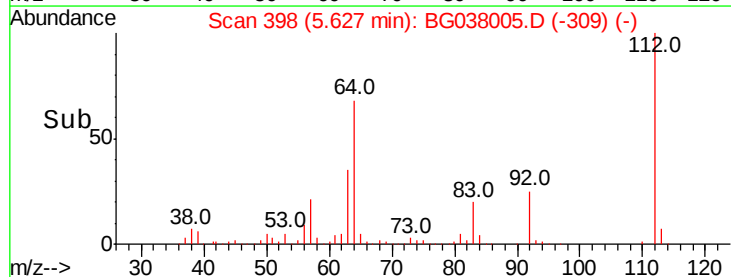
#5

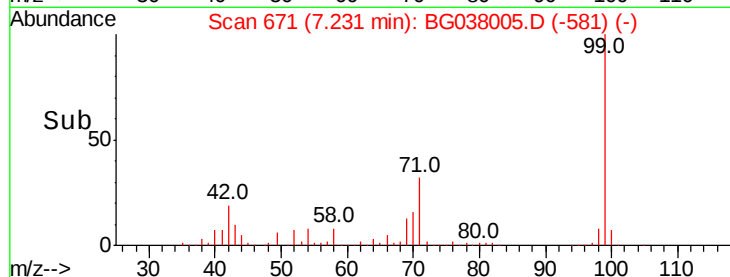
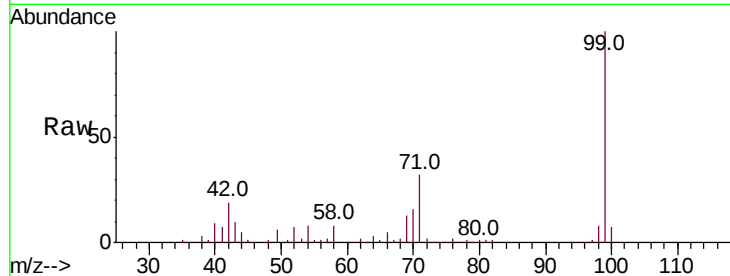
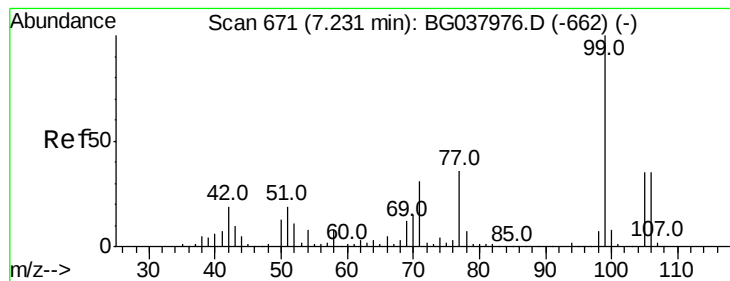
2-Fluorophenol
 Concen: 162.554 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038005.D
 Acq: 14 Nov 2018 20:17

Tgt Ion:112 Resp: 499601
 Ion Ratio Lower Upper
 112 100
 64 67.9 53.1 79.7
 63 34.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 160.317 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

BOTTOM-E

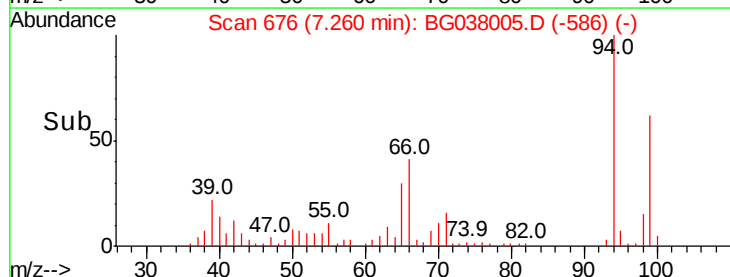
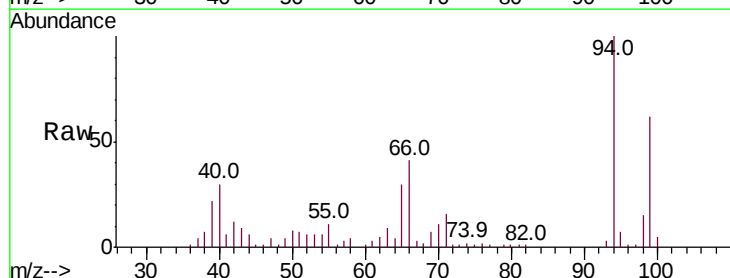
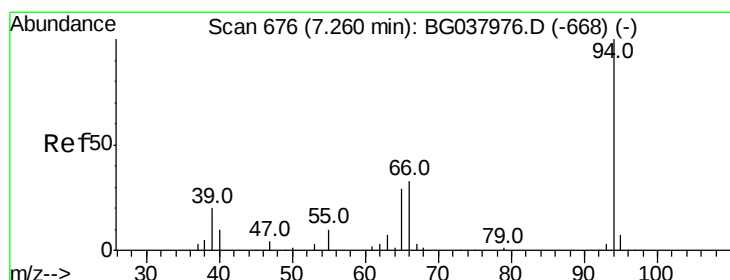
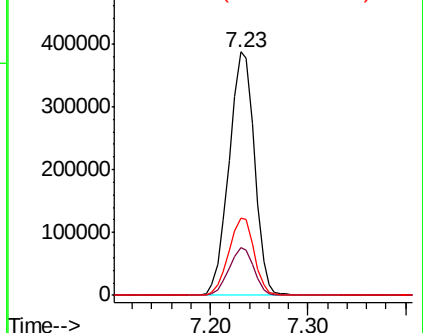
Tot Ion: 99 Resp: 703337

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.0	22.4
71	31.9	25.5	38.3

Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 9.691 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

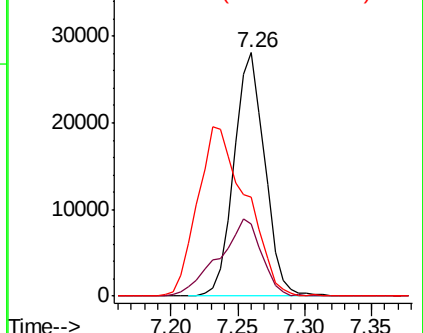
Tgt Ion: 94 Resp: 45036

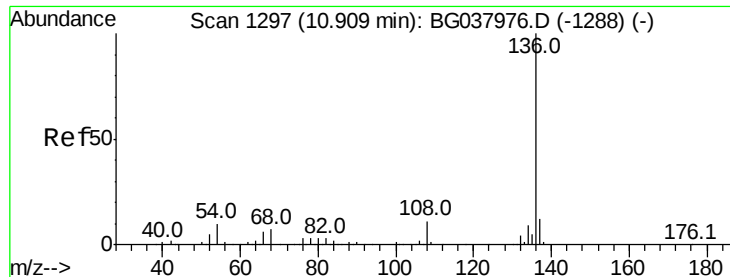
Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.7	49.7
66	40.8	15.9	55.9

Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

BOTTOM-E

Tot Ion:136 Resp: 222745

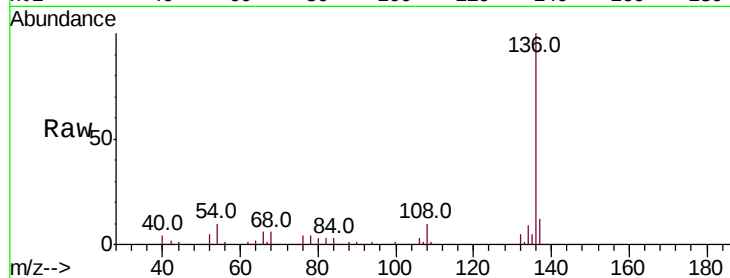
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 10.4 7.9 11.9

68 6.3 4.8 7.2

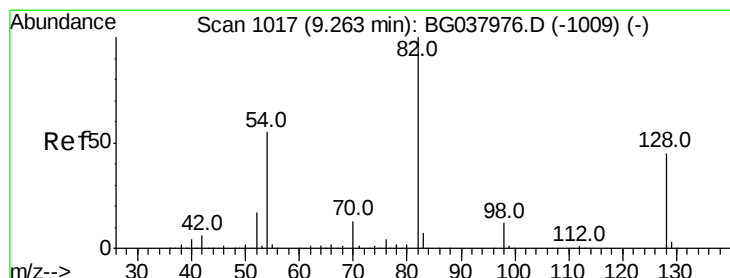
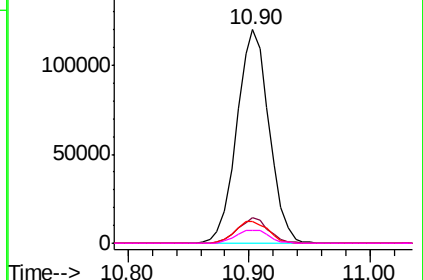
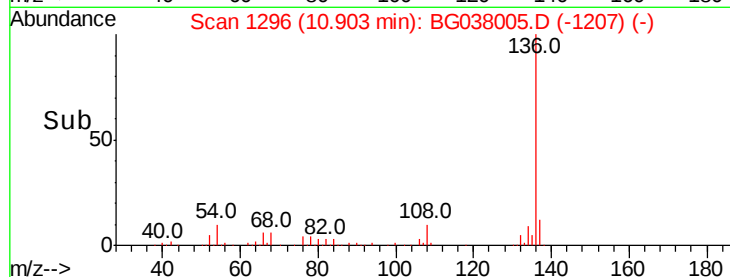


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 101.866 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

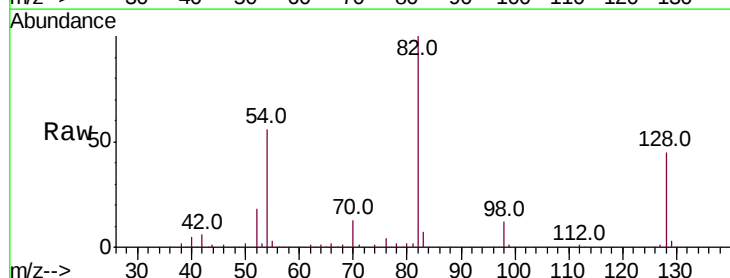
Tgt Ion: 82 Resp: 423874

Ion Ratio Lower Upper

82 100

128 44.9 34.6 51.8

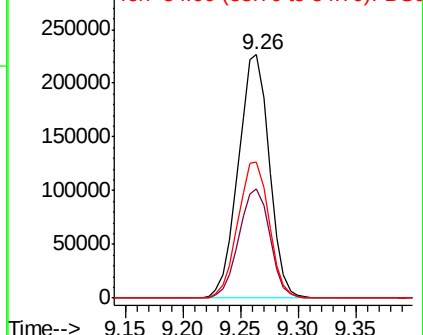
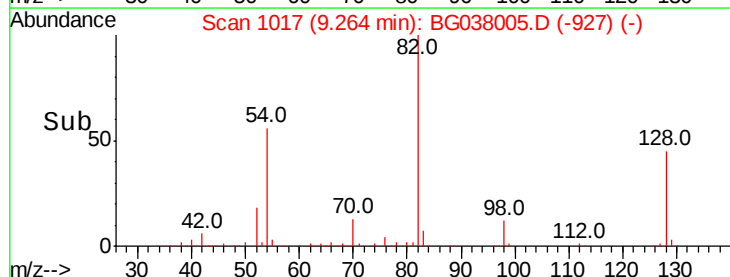
54 56.0 45.3 67.9

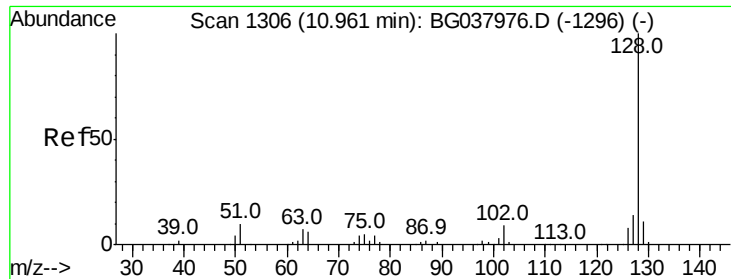


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#31

Naphthalene

Concen: 10.768 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

BOTTOM-E

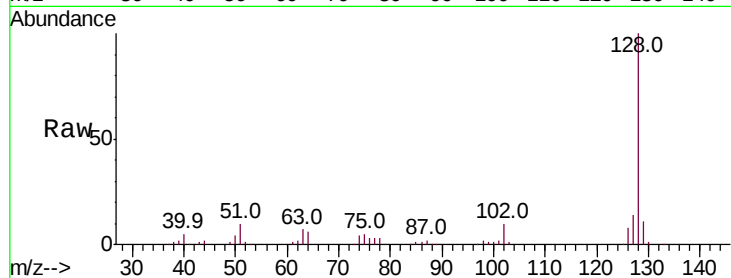
Tot Ion:128 Resp: 117976

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

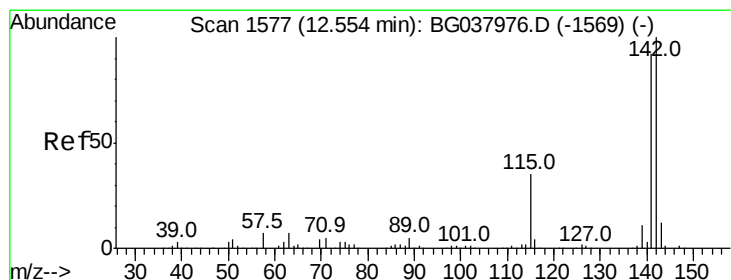
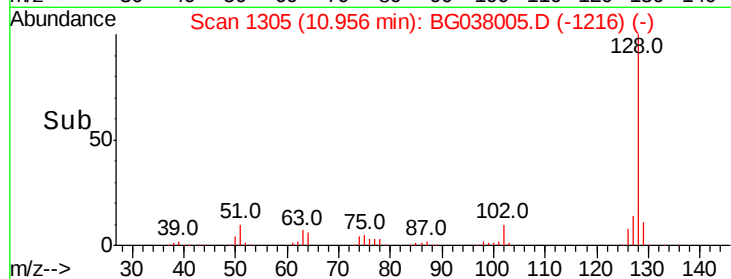
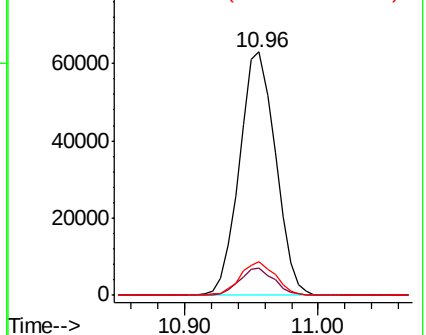
127 13.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 3.339 ng

RT: 12.55 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

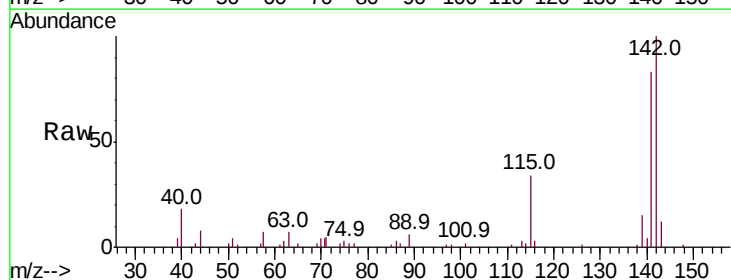
Tgt Ion:142 Resp: 26279

Ion Ratio Lower Upper

142 100

141 83.5 71.9 107.9

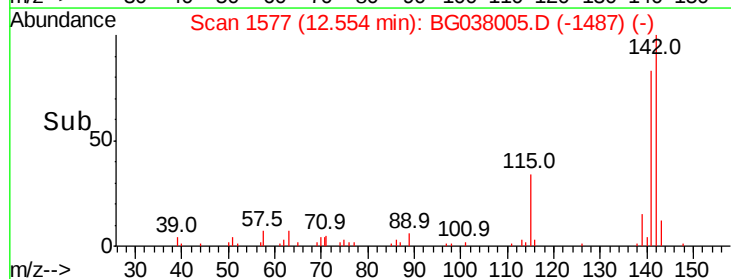
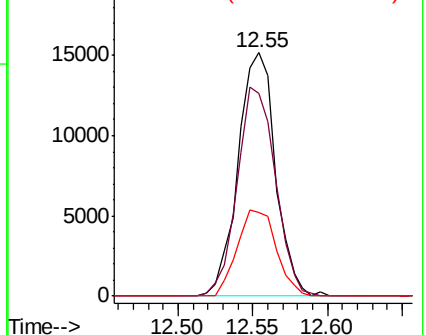
115 34.4 27.8 41.8

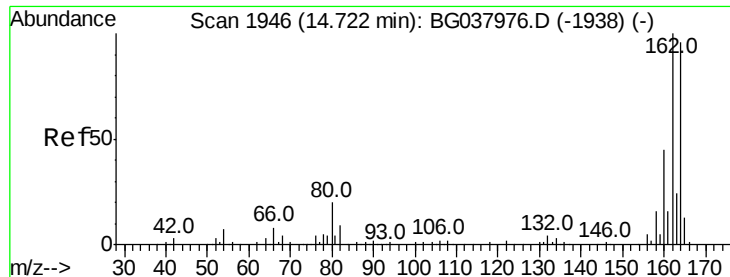


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

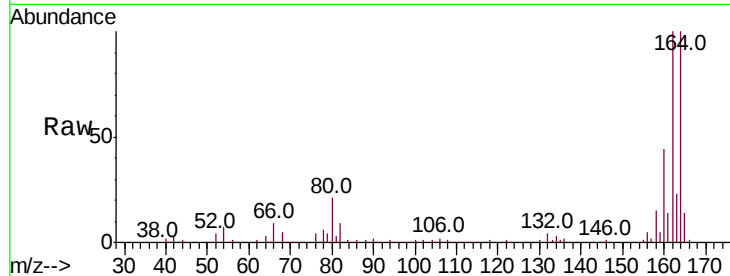




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038005.D
Acq: 14 Nov 2018 20:17

Instrument :
BNA_G
ClientSampleId :
BOTTOM-E

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.3	121.9
160	43.7	36.3	54.5

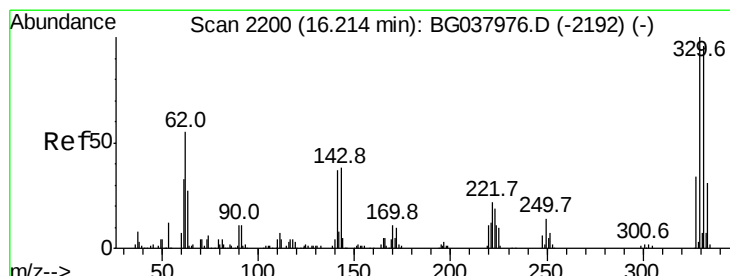
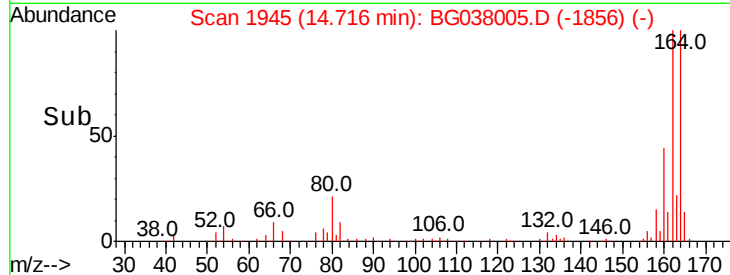
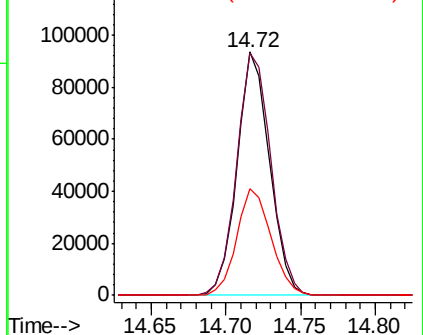


Abundance

Ion 164.00 (163.70 to 164.70): E

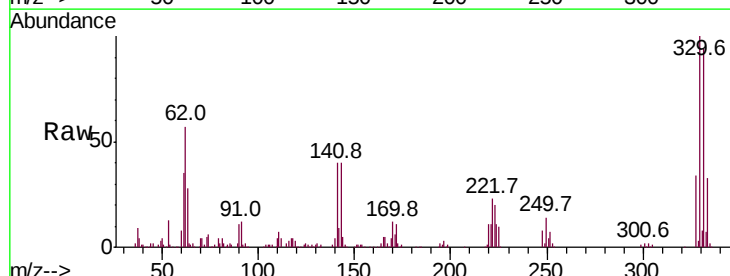
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 144.212 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038005.D
Acq: 14 Nov 2018 20:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	40.8	32.2	48.2

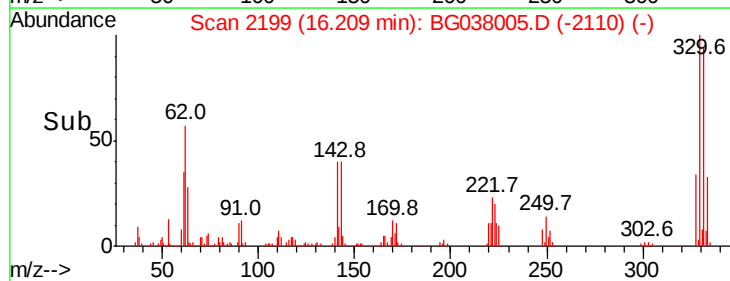
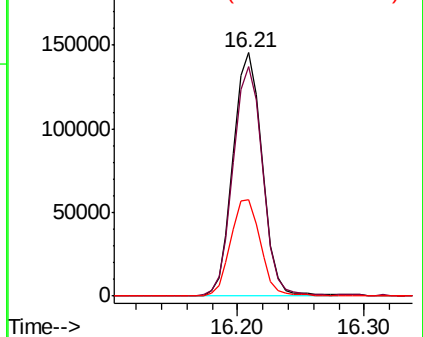


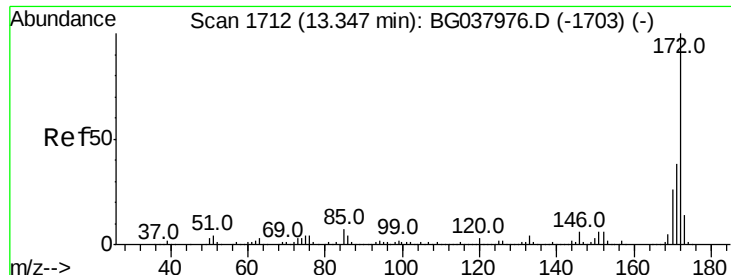
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



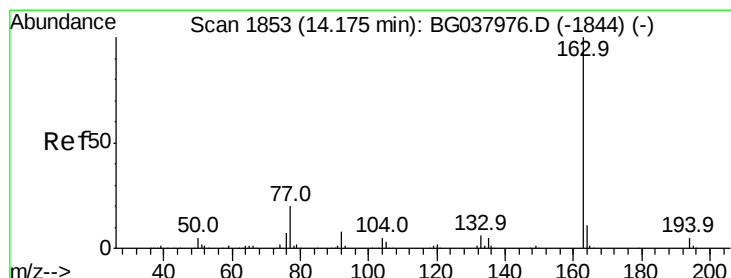
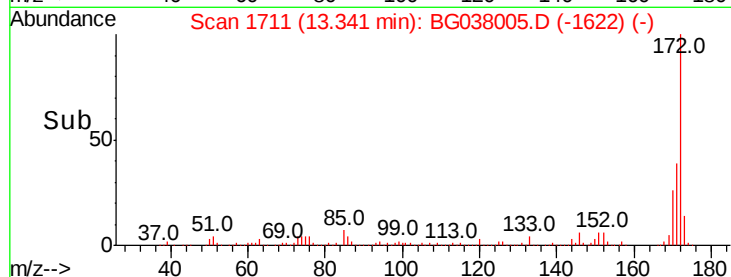
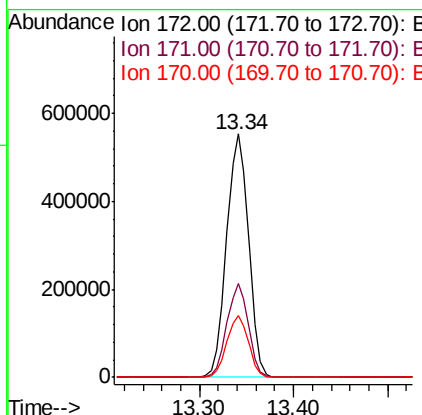
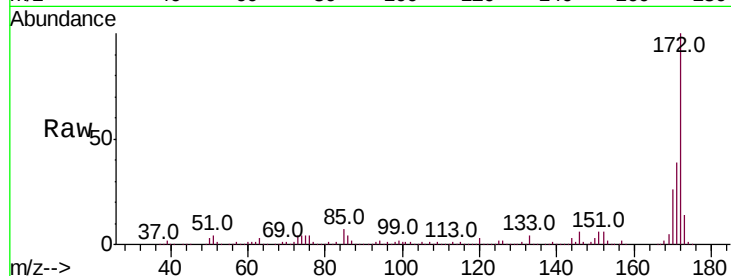


#45
 2-Fluorobiphenyl
 Concen: 92.512 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038005.D
 Acq: 14 Nov 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-E

Tot Ion:172 Resp: 895173

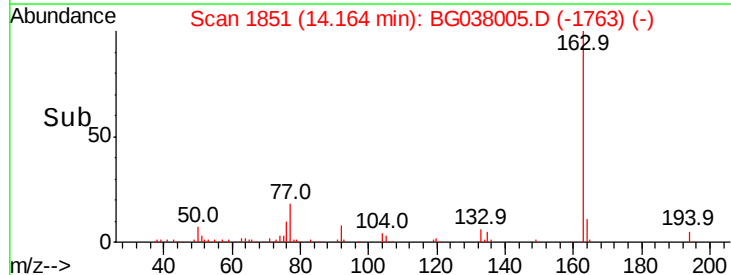
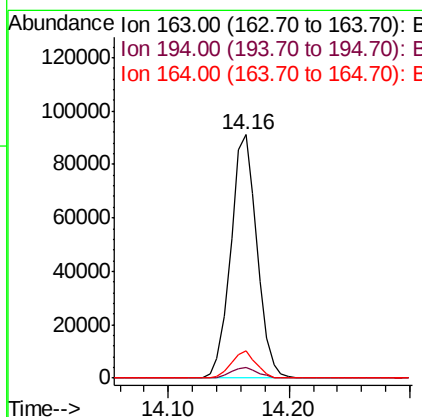
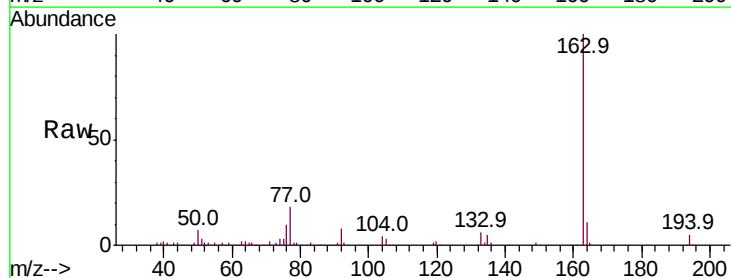
Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.5	20.2	30.2

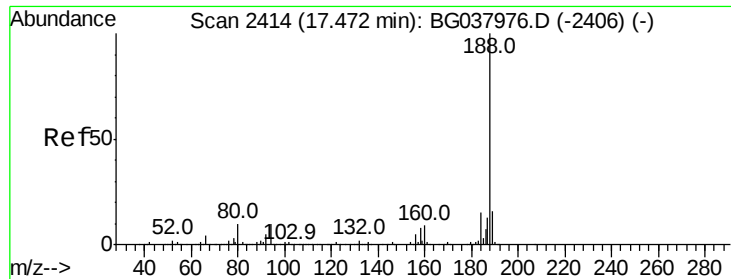


#50
 Dimethylphthalate
 Concen: 12.324 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG038005.D
 Acq: 14 Nov 2018 20:17

Tgt Ion:163 Resp: 137728

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.2	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

BOTTOM-E

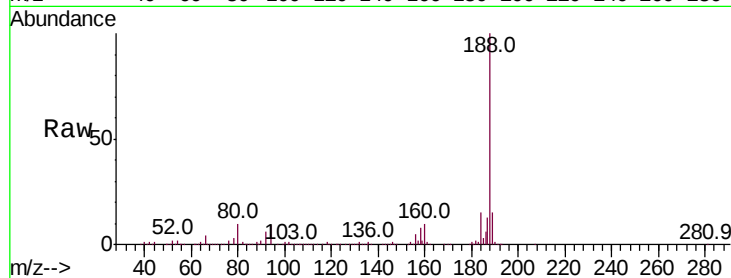
Tot Ion:188 Resp: 327220

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

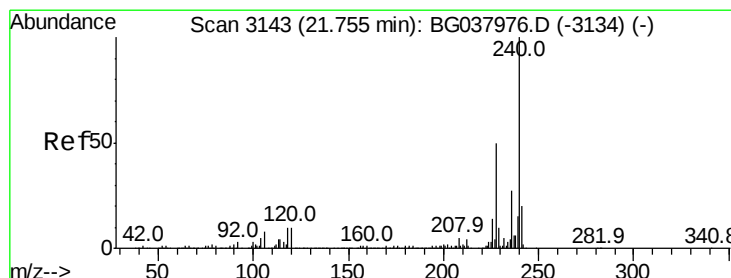
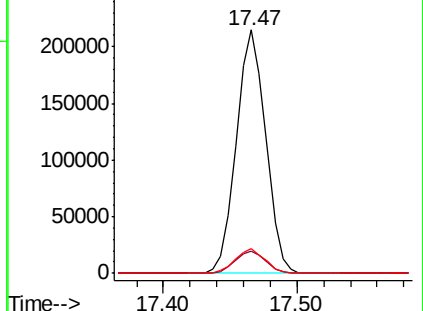
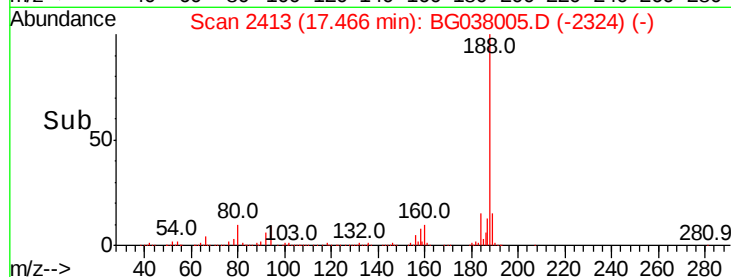
80 9.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

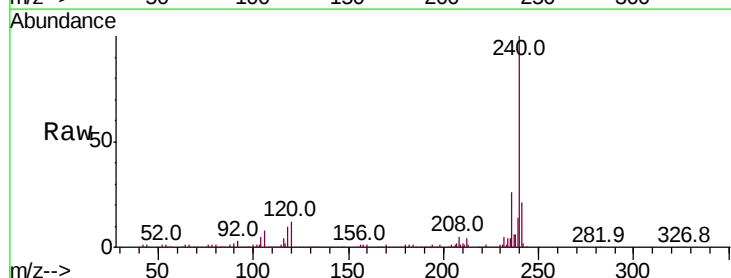
Tgt Ion:240 Resp: 311907

Ion Ratio Lower Upper

240 100

120 11.9 8.1 12.1

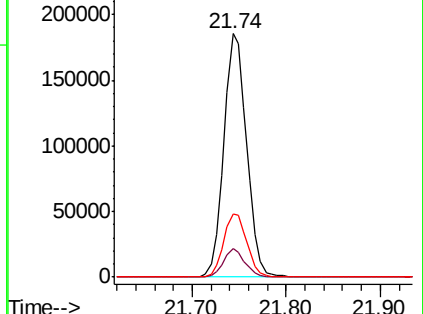
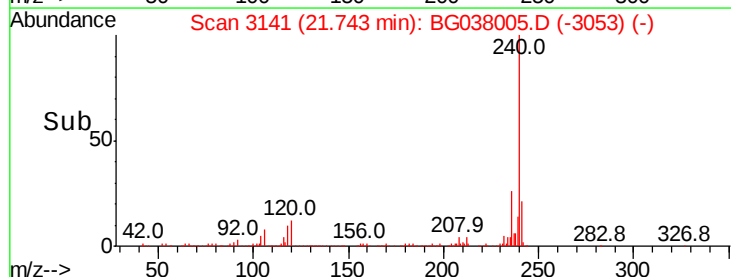
236 26.1 21.4 32.0

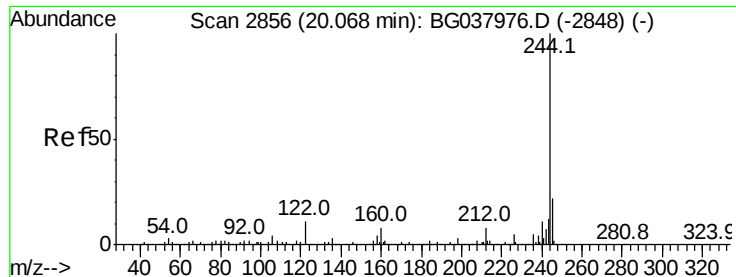


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.686 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

Instrument :

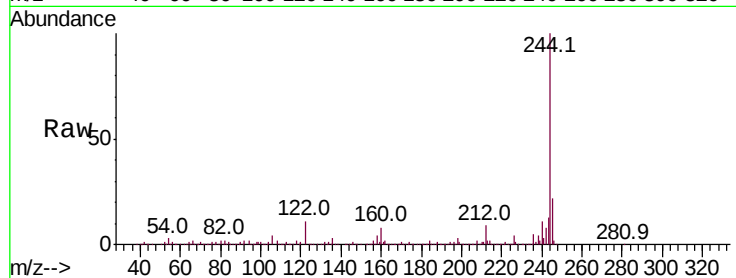
BNA_G

ClientSampleId :

BOTTOM-E

Tot Ion:244 Resp: 1255127

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	10.6	9.0	13.4

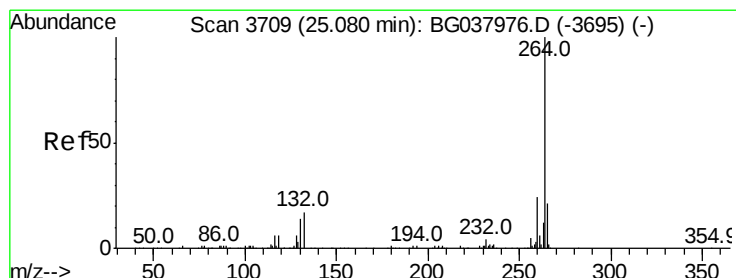
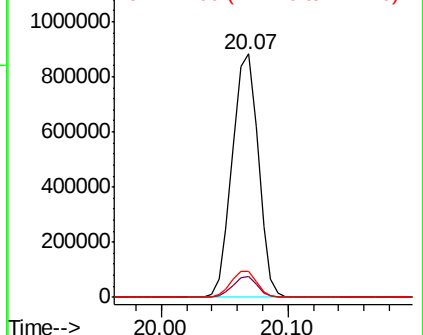
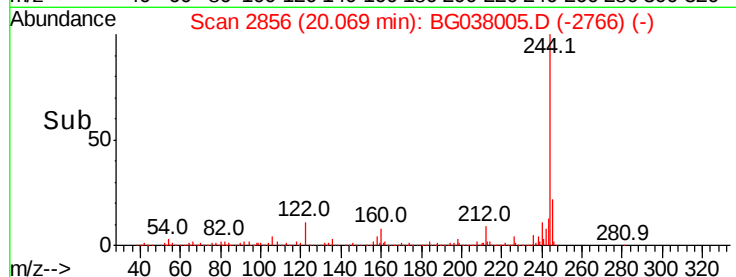


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

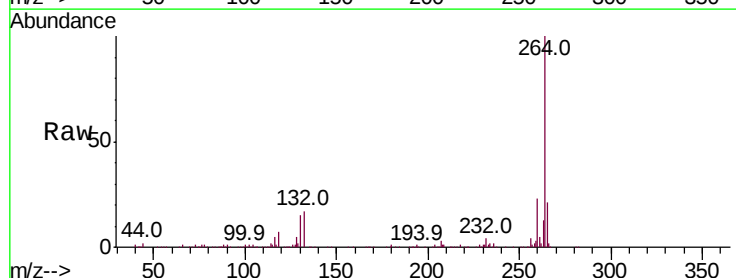
Delta R.T. -0.01 min

Lab File: BG038005.D

Acq: 14 Nov 2018 20:17

Tgt Ion:264 Resp: 325883

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	20.6	17.9	26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

